

California
Department of
Health Services

SANDRA SHEWRY
Director

State of California—Health and Human Services Agency
Department of Health Services



ARNOLD SCHWARZENEGGER
Governor

May 27, 2005

Mr. Phil Rutherford
The Boeing Company
6633 Canoga Avenue
P.O. Box 7922
Canoga Park, CA 91309-7922

Subject: Response to 2005RC002061 "Request to Perform Confirmatory Surveys of the Office Areas of Building 4024, Santa Susana Field Laboratory (SSFL)."

Dear Mr. Rutherford:

In response to your letter dated January 25, 2005, the Department has reviewed your submittal referenced in the above subject document. The Department also conducted a confirmatory survey of the Building 4024 areas north of the 4024 high bay: the office areas, works areas, control rooms, change rooms, mechanical room and associated hallways.

The Boeing supplied data included smear and direct frisk survey results of the areas mentioned above. Boeing's survey results showed: No detectable beta or gamma activity from the direct scans, less than 20 dpm/100cm² of removable alpha activity and less than 100 dpm/100cm² of removable beta/gamma activity.

In addition to the survey of the building areas mentioned previously the department was requested to perform a confirmatory survey of the lead shield blocks that were removed from the Building 4024 Filter Room and placed on pallets outside of the 4024 High Bay. Boeings survey data of the lead blocks showed: No detectable beta or gamma activity from the direct scans, less than 20 dpm/100cm² of removable alpha activity and less than 100 dpm/100cm² of removable beta/gamma activity.

The Department's survey confirms the survey results reported by Boeing. The Department's surveys indicate that the portion of Building 4024 north of the high bay; and the lead shield blocks are at background radiation levels. Therefore, the Department concurs with Boeing's conclusions that the northern portion of Building 4024 and the lead shield blocks pose no significant radiologic health risk.

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